

Appendix

Table A1. ICD9-CM Unintentional Fall E-codes

ICD9 CM Fall Mechanism of Injury E codes
880.1
Fall On or From Stairs/Steps - Sidewalk Curb, Not Applicable
880.9
Fall On or From Stairs/Steps - Oth Stairs or Steps
Fall On or From Stairs/Steps - Oth Stairs or Steps, Not Applicable
Fall On or From Stairs/Steps - Oth Stairs or Steps, Oth/Unspec Injury, Un/Intentional - Oth Spec Means
Fall On or From Stairs/Steps - Oth Stairs or Steps, Striking Against/Struck Accidentally - Oth Stationary Object w/o Subseq Fall
Fall On or From Stairs/Steps - Oth Stairs or Steps, Striking Against/Struck Accidentally - Oth w/ or w/o Subseq Fall
Fall On or From Stairs/Steps - Oth Stairs or Steps, Not Applicable
882
Fall From or Out of Building/Other Structure
Fall From or Out of Building/Other Structure, Not Applicable
883.2
Fall into Hole/Oth Surface Opening - Storm Drain/Manhole, Not Applicable
883.9
Fall into Hole/Oth Surface Opening - Oth Hole/Surface Opening
Fall into Hole/Oth Surface Opening - Oth Hole/Surface Opening, Not Applicable
884
Oth Multi-level Fall - Playground Equipment
Oth Multi-level Fall - Playground Equipment, Not Applicable
Oth Multi-level Fall - Playground Equipment, Oth/Unspec Injury, Un/Intentional - Oth Spec Means
884.2
Oth Multi-level Fall - Chair
Oth Multi-level Fall - Chair, Not Applicable
884.4
Oth Multi-level Fall - Bed
Oth Multi-level Fall - Bed, Not Applicable
Oth Multi-level Fall - Bed, Oth/Unspec Injury, Un/Intentional - Unspec Means
Oth Multi-level Fall - Bed, Striking Against/Struck Accidentally - Furniture w/ Subseq Fall

Oth Multi-level Fall - Bed, Striking Against/Struck Accidentally - Oth Stationary Object w/ Subseq Fall
Oth Multi-level Fall - Bed, Unknown
Oth Multi-level Fall - Bed, Not Applicable
884.5
Oth Multi-level Fall - Other Furniture
Oth Multi-level Fall - Other Furniture, Not Applicable
Oth Multi-level Fall - Other Furniture, Oth Multi-level Fall - Chair
Oth Multi-level Fall - Other Furniture, Striking Against/Struck Accidentally - Oth Stationary Object w/o Subseq Fall
Oth Multi-level Fall - Other Furniture, Striking Against/Struck Accidentally - Oth w/ or w/o Subseq Fall
Oth Multi-level Fall - Other Furniture, Unknown
884.9
Oth Multi-level Fall - Oth Multi-Level Fall
Oth Multi-level Fall - Oth Multi-Level Fall, Fall On or From Stairs/Steps - Oth Stairs or Steps
Oth Multi-level Fall - Oth Multi-Level Fall, N-traffic Accident, Oth Off-Road MV - Passenger in MV, Non MC
Oth Multi-level Fall - Oth Multi-Level Fall, Not Applicable
Oth Multi-level Fall - Oth Multi-Level Fall, Oth and Unspec Fall - Resulting in Striking Other Object
Oth Multi-level Fall - Oth Multi-Level Fall, Oth Multi-level Fall - Playground Equipment
Oth Multi-level Fall - Oth Multi-Level Fall, Oth/Unspec Injury, Un/Intentional - Unspec Means
Oth Multi-level Fall - Oth Multi-Level Fall, Striking Against/Struck Accidentally - Oth Stationary Object w/ Subseq Fall
Oth Multi-level Fall - Oth Multi-Level Fall, Striking Against/Struck Accidentally - Oth Stationary Object w/o Subseq Fall
Oth Multi-level Fall - Oth Multi-Level Fall, Struck Accidentally by Falling Object
Oth Multi-level Fall - Oth Multi-Level Fall, Unknown
Oth Multi-level Fall - Oth Multi-Level Fall, Not Applicable
885
Fall on Same Level - Nonmotorized Scooter (10/2002)
Fall on Same Level - Nonmotorized Scooter (10/2002), Not Applicable
885.9
Fall on Same Level - Other
Fall on Same Level - Other, Caught Accidentally In or Between Objects
Fall on Same Level - Other, Cutting Object Accident - Oth Spec Cut/Piercing Instrument/Object

Fall on Same Level - Other, Cutting Object Accident - Unspec Cut/Piercing Instrument/Object
Fall on Same Level - Other, Foreign Body Accidentally Entering Oth Orifice
Fall on Same Level - Other, Not Applicable
Fall on Same Level - Other, Oth and Unspec Fall - Resulting in Striking Other Object
Fall on Same Level - Other, Oth Multi-level Fall - Bed
Fall on Same Level - Other, Striking Against/Struck Accidentally - Furniture w/ Subseq Fall
Fall on Same Level - Other, Striking Against/Struck Accidentally - In Sports w/o Subseq Fall
Fall on Same Level - Other, Striking Against/Struck Accidentally - Oth Stationary Object w/ Subseq Fall
Fall on Same Level - Other, Striking Against/Struck Accidentally - Oth Stationary Object w/o Subseq Fall
Fall on Same Level - Other, Striking Against/Struck Accidentally - Oth w/ or w/o Subseq Fall
Fall on Same Level - Other, Striking Against/Struck Accidentally - Oth Stationary Object w/o Subseq Fall
Fall on Same Level - Other, Cutting Object Accident - Oth Spec Cut/Piercing Instrument/Object
Fall on Same Level - Other, Not Applicable
886.9
Fall From Collision/Push/Shoving By, W/ Oth Person - Oth/Unspec
Fall From Collision/Push/Shoving By, W/ Oth Person - Oth/Unspec, Not Applicable
Fall From Collision/Push/Shoving By, W/ Oth Person - Oth/Unspec, Striking Against/Struck Accidentally - Oth w/ or w/o Subseq Fall
Fall From Collision/Push/Shoving By, W/ Oth Person - Oth/Unspec, Not Applicable
Fall From Collision/Push/Shoving By, W/ Oth Person - Oth/Unspec, Not Applicable
888
Oth and Unspec Fall - Resulting in Striking Sharp Object
Oth and Unspec Fall - Resulting in Striking Sharp Object, Cutting Object Accident - Oth Spec Cut/Piercing Instrument/Object
888.1
Oth and Unspec Fall - Resulting in Striking Other Object
Oth and Unspec Fall - Resulting in Striking Other Object, Not Applicable
888.8
Oth and Unspec Fall - Oth
888.9
Oth and Unspec Fall - Unspec
Oth and Unspec Fall - Unspec, Not Applicable
Oth and Unspec Fall - Unspec
920.8

Cutting Object Accident - Oth Spec Cut/Piercing Instrument/Object, Fall on Same Level - Other

**Cutting Object Accident - Oth Spec Cut/Piercing Instrument/Object, Oth and Unspec Fall -
Resulting in Striking Sharp Object**

Cutting Object Accident - Oth Spec Cut/Piercing Instrument/Object, Oth Multi-level Fall - Bed

988.9

Oth/Unspec Injury, Un/Intentional - Unspec Means, Oth Multi-level Fall - Bed

Table A2. Product Coding for Fall Injury

Product Category*	Definition-multiple
Chair	chair, ottoman, barstool, stool, bench
Bed	bed, bunk bed
Playground	playground (not otherwise specified), monkey bars, swing, slide, merry go round, jungle gym, see saw, stairs on playground equipment
Table	table, coffee table
Other Furniture	furniture (not otherwise specified), desk, dresser, indoor swing, TV stand, nightstand
Vehicle	car, truck, tractor trailer, golf cart
Toy	toy (not otherwise specified), rocking horse, play kitchen
Wheeled toy	bicycle, tricycle, small ride, non-motorized scooter, wagon, power wheel

*The following product categories have single definitions: Counter, bouncy house, bouncy seat, booster seat, changing table, crib, couch, shopping cart, stroller, high chair, trampoline

Table A3. Post-hoc comparisons (Mann-Whitney U tests) for Table 2

Post-hoc Comparisons for Payor	
Comparison	p
Medicaid vs Private	<.001
Medicaid vs Other	.001
Private vs Other	.61
Post-hoc Comparisons for Race	
Comparison	p
Black vs White	<.001
Black vs Other	.001
White vs Other	.65
Post-hoc Comparisons for ED Disposition	
Comparison	p
ICU vs Bed	.48
ICU vs Home	.17
ICU vs OR	.01
Bed vs Home	.16
Bed vs OR	.003
Home vs OR	.06
Post-hoc for Comparisons for General Mol	
Comparison	p
Fall on/from Stairs vs Multilevel Fall	.27
Fall on/from Stairs vs Other	.001
Fall on/from Stairs vs Fall on the Same Level	<.001
Multilevel Fall vs Other	.001
Other vs Fall on the Same Level	.53
Post-hoc Comparisons for ICD-9 Mol (Specific)	
Comparison	p
Bed vs Stairs	.13
Bed vs Furniture	.03
Bed vs Other	<.001
Bed vs Playground Equipment	<.001
Stairs vs Furniture	.76
Stairs vs Other	.01
Stairs vs Playground Equipment	<.001
Furniture vs Other	.01
Furniture vs Playground Equipment	<.001
Other vs Playground Equipment	<.001
Post-hoc for ISS Level	
Comparison	p
1-8 vs 9-15	<.001
1-8 vs 16-25	<.001
9-15 vs 16-25	.002